
VIVIAN W. L. TSANG

M.D., M.P.H., I.C.D.D, M.G.C. | +1 604 376 3934 | vivianwltsang@gmail.com

EDUCATION

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- 2023-2027 **Doctor of Philosophy Evidence Based Healthcare.** Oxford University (Clarendon Scholar)
 - 2021-2026 **Psychiatry Research Track Residency.** University of British Columbia
 - 2021-2023 **Master of Public Health.** Chan School of Public Health. Harvard University
 - 2021-2021 **Directors Education Program.** Institute of Corporate Directors. University of Toronto
 - 2017-2021 **Doctor of Medicine.** University of British Columbia
 - 2014-2017 **Bachelors in Integrated Public Health and Pharmacology.** University of British Columbia (Schulich Scholar)

RESEARCH & SCHOLARLY ACTIVITIES

Empowering Next-generation Researchers in perinatal and Child Health (ENRICH) *March 2023-present*

Increasing capacity for Maternal and Paediatric Clinical Trials (www.IMPACTrials.ca) Enrichment Group Co-Lead

- Co-Investigator, CIHR Health Research Training Platform (HRTTP) Pilot Competition: Empowering Next-generation Researchers in perinatal and Child Health (ENRICH) (\$2.4M) <https://cihr-irsc.gc.ca/e/52854.html>
- Co-mentoring young researchers involved in maternal and paediatric clinical trials across Canada

The Votum Lab

May 2022-present

Principal and Founder

- Leads all grant applications and supervises all research projects in the laboratory
- Mentors over 18 undergraduate, graduate, medical, and doctoral students in research and academic activities
- Liaises with external partners on research projects and collaborations

Roots to Thrive

June 2021-present

Post-doctoral MITACS fellow supported by Roots to Thrive Program and Vancouver Island University

- Leads the research team at Roots to Thrive; leads all major and minor research projects
- Collaborates with industry partners for medication sponsorship and research collaborations
- Leads grant applications for clinical and observational studies

Addiction and Concurrent Disorders Lab

Feb 2021-present

Co-Investigator and Researcher with Dr. Michael Krausz

- Developed international consensus guidelines for youth mental health using the Delphi technique and a panel of international psychiatry and adolescent health experts
- Completed systematic review on intentional non-medical uses of fentanyl and fentanyl derivatives
- Leading author of the BC Fentanyl Cohort Study at Vancouver General Hospital and other Canadian sites

Canadian Collaborative for Childhood Cannabinoid Therapeutics

Jun 2018-present

Board of Directors/Steering Committee and Co-Investigator on a 1.49M CIHR grant

- Principal Applicant, CIHR Team Grant: Cannabis Research in Priority Areas. Cannabis for symptom management in children with cancer: a demonstration project by the Canadian Childhood Cannabinoid Clinical Trials platform
- Coordinated national youth engagement and focus groups for cannabis-related pediatric projects
- Steering committee member and advisor for national initiatives under the C4T Initiative

Maternal Infant Child Youth Research Network (MICYRN) Canada

Feb 2018-present

National Director for the Canadian KidsCan Young Persons' Research Advisory Group

- Spearheaded the only national platform between 8 Canadian pediatric hospitals for youth to participate directly in the creation and coordination of Canadian pediatric trials
- Coordinated collaborations between pediatric clinician scientists in Canada and the MICYRN network
- Collaborator on the \$2.5M CHEER initiative with aims to streamline multi-site Canadian pediatric ethics reviews

CanTravNet Research Group

Jun 2020-Jun 2021

Resident Researcher with Dr. Katherine Plewes

- Analyzed data from 2015-2018 from all CanTravNet sites in Canada to report on the prevalence and trends of enteric fever in travelers and migrants returning to Canada
- First author on preparing a study protocol for a randomized control trial looking at the renoprotective effects of paracetamol in children with severe malaria
- First authored a paper with researchers from the Mahidol Oxford Tropical Medicine Research Unit

Physician Occupational Safety and Health (POSH) Service

Mar 2020-Oct 2020

Founding team and Coordinator for the COVID-19 Response

- Created a database system of over 3000 BC physicians to be screened and monitored for COVID-19 symptoms during the pandemic. Occupational hazards and risks identified
- Tracked exposures and liaised with five health authorities across BC to monitor recovery for physicians
- Developed early workflows and coordinated staff team and medical students for POSH shifts
- Compared Canadian data with data from 160 countries for quantitative analysis presented at the WHO

BC Centre for Disease Control

Feb 2018-Jun 2021

Co-Investigator on the Harm Reduction Team with Dr. Jane Buxton

- Developed a self-initiated project leading material development, data collection and assessments with a research team to investigate the use of non-contact opioid monitoring devices and technology for people who use drugs
- Piloted a smartphone application using active short-range sonar to detect respiratory depression
- Collaborated on a \$10,000 grant with journalists from CBC and Georgia Straight to reframe how people who use drugs are portrayed in media. In charge of redeveloping a pan-Canadian photo and media library for Canadian journalists

World Health Organization (WHO) Collaborating Centre, University of British Columbia

Jan 2018-Jun 2021

Co-Investigator in the Global Health Research Program with Drs. Annalee Yassi and Jerry Spiegel

- Lead qualitative analyses and one-on-one interviews and focus groups with healthcare workers in 9 hospitals in Sub-Saharan Africa on a 12-year multi-country comparison study on occupational health and safety interventions
- Spearheaded a WHO-funded project on the investigation of occupational health hazards faced by artisanal miners
- Leading risk-stratification guidelines for tuberculosis with South African Ministry of Health for 1.6 million miners

World Health Organization Headquarters, Geneva, Switzerland

Jun 2018-Jan 2019

Special Programme for Research and Training in Tropical Diseases (TDR)

- Created a pilot project to crowdsource solutions to increase update of isoniazid prophylaxis treatment in Zambia leading to two manuscript publications and a longitudinal intern project expansion program
- Leveraged TDR Global online database to partner with local physicians to create new research topics and granting schemes for clinicians from lower-middle income countries
- Developed a structure for the first longitudinal internship model allowing students to complete community evaluation and partnerships with local physicians and researchers in the WHO-affiliated AFRO regions before 2025
- Spearheaded an internal gender equity campaign at the TDR global WHO headquarters

University of British Columbia Centre for Health Excellence Scholarship

Mar 2017-Mar 2019

Co-Investigator and AMS Student Grant Winner with Drs. Ian Scott and Kevin Eva

- Investigated best practices to optimize pedagogical benefits of testing and knowledge transfer in medicine
- Lead student team to develop testing materials, collect and analyze data in fields of nephrology and gastroenterology
- Winner of the 2018 AMS Student Grant for campus-wide project scale-up for interdisciplinary undergraduate students

University of British Columbia and Vancouver Prostate Centre

Mar 2015-Aug 2018

Co-Investigator with Dr. Richard Wassersug

- Researched socio-relational impacts of androgen deprivation therapy on palliative prostate cancer patients
- Lead the set-up and analysis of novel eye-tracking software to investigate changes in libido for men undergoing androgen deprivation therapy for prostate cancer resulting in 4 first-author publications.
- Presented to over 300 patients at support groups and lead activities at prostate cancer fundraisers across BC

LEADERSHIP AND GOVERNANCE

Qi Integrated Health Clinic

July 2021-present

Executive Chair of the Board of Directors

- Leads governance activities for the Board of Directors Qi Integrated Health Clinic including accountability and stewardship practices to all shareholders
- Establishes overarching goals for the company and sets strategic directions for ongoing PsyQi expansion activities in the psychedelic market. Currently organizing a major capital raise for psychedelic medicine satellite clinics.
- Creates and evaluates performance indicators for the CEO and sets compensation benefits for senior executive(s)

DECAP Research and Development

July 2021-present

Director on the Board of Advisors

- Leveraging 3D-printing and injection molding technologies to create new, innovative safety and protective devices for healthcare, veterinary, and research environments
- Involved in strategic business decisions with the founding team and ensure key project milestones are reached
- Independent board member with expertise in clinical medical applications and pharmaceutical devices

Canadian Institutes of Health Research

Aug 2020-Jun 2022

Institute for Human Development, Child, and Youth Health Advisory Committee

- Discussions on priority development, policies and issues that impact Canadian communities from coast to coast
- Development of policies and advisory work on topics inclusive of healthy developmental trajectory from birth through the lifespan, health reproduction, pregnancy, childhood, and youth
- Creation of healthy public policy and systems integration to ensure best outcomes including mental health and integrated child and youth research and health services

British Columbia COVID-19 Medical Student Response Team

Mar 2020-Dec 2020

Co-founder and Steering Committee

- Created province-wide initiative that supported over 745 physician and paraclinical activities for COVID-19
- Coordinated over 800 medical students in BC and scaled-up the initiative to include Western Canadian medical schools. Launched a mobilization toolkit used by students in Canada, United States and Australia
- Spearheaded prescription delivery and grocery drop-off systems for immunocompromised patients and seniors

University of British Columbia Senate

Apr 2019-Apr 2020

Student Senator for the Faculty of Medicine

- Representative on the highest academic decision-making body at the University of British Columbia Vancouver
- Served on the budget committee to help implement the Workday management system for students
- Lead the research committee review of 60 affiliated institutions and centres, many within the Faculty of Medicine

Canadian Federation of Medical Students Association

Mar 2019

Speaker and Canadian Delegate

- Selected as one of 5 Canadian medical students at the International Federation of Medical Students Association General Assembly Ljubljana, Slovenia with representatives from over 100 countries around the world
- Lead Canadian contributions on the Standing Committee on Medical Education and three policy papers
- Keynote panel speaker to over 1000 delegates on the importance of gender-equity in medicine

Canadian Medical Association (CMA)

Aug 2018-Aug 2019

Western Canada Lead and CMA Ambassador for BC to the Inaugural Health Summit and Annual General Assembly

- One of 5 students across Canada selected to participate in the 2019 Election Readiness Day in Ottawa, ON
- Spoke to an audience of 50 CMA Ambassadors about wearable opioid overdose monitoring devices designed in BC
- Developed policy asks alongside CMA past-presidents and staff for the federal elections in October 2019
- Spearheading political action involvement of Canadian medical students for the 2019 federal elections

City of Vancouver

Nov 2017-Apr 2019

Children, Youth and Families Advisory Committee Member

- Spearheaded a youth against homelessness initiative reinvesting funding into modular housing projects
- Advised city councillors on youth priorities for the Arbutus Greenway project, Broadway Millennium Line extension
- Organized new redevelopment projects for VanPlay and the Vancouver Parks Board

University of British Columbia Faculty of Medicine Political Advisory Committee

Sep 2017-May 2018

Policy Development Committee Co-Chair

- Directed medical students across BC in writing a policy paper to represent 1100 medical students at the 2018 Provincial Lobby Day for increased resources to fund youth mental health services across the province
- Organized meetings with Members of Legislative Assemblies in Victoria, BC. Featured in the Globe and Mail

University of British Columbia Refugee Health Initiative

Aug 2017-May 2019

Co-president, Medical Student Partner and Researcher

- Organized the recruitment and training of 20 medical students and translators each year
- Partnered with Immigrant Services Society of BC to help refugee families navigate the Canadian healthcare system
- Met with a refugee family with complex health conditions once a month to help them navigate medical care

University of British Columbia Faculty of Medicine Peer Mentorship in Medical Education

Aug 2017-Aug 2019

Second-year Co-Chair

- Developed innovative weekly theatre-style scenario-based education materials for first-year medical students
- Worked with residents and upper year medical students to conduct peer-led OSCE practice sessions
- First-authored a paper in the University of British Columbia Medical Journal outlining an innovative group study methodology which has been successfully utilized by students in the Faculty of Medicine classes of 2022 and 2023

British Columbia Children's Hospital

Feb 2017-Feb 2018

CHILD-BRIGHT Youth Advisory Panel Steering Committee Co-chair

- Selected across Canada to advise on the development of a Canada-wide national youth advisory panel as a resource for paediatric clinicians and researchers working with children with cognitive disabilities
- Consulted for networks such as Kids Brain Health and CHILD-BRIGHT collaborating with 17 paediatric centres

University of British Columbia Science Peer Academic Coaching

Sep 2015-May 2017

Academic Coach for Undergraduate Science Program

- Co-chaired the Coaches Corner Committee to create a student-friendly space on campus to foster academic wellness
- Created coaching resources to destigmatize mental health issues and connect students with supportive faculty

INNOVATION AND HUMANITARIAN WORK

YWCA High School Mentorship Program & University of British Columbia Women in Science Club

Sep 2017-Jun 2022

Mentor

- Organized events once a month across the lower mainland to mentor women in undergraduate and high school
- Empowered women to pursue medical and research careers, providing personal experience and support
- Personally mentored three mentees per year whose ages span from 17 to 21 to encourage young women to pursue STEM fields
- WIS 2018: Hu, Elaine and Meleady, Laura; 2019: Simran Mann Kailley, Jaya; 2023: Yu, Tiffany;
- YWCA 2017: Chung, Sherilynn

WE Day

Oct 2016-Oct 2017

Speaker

- One of 8 youth chosen to represent Canada on an international stage to audiences of over 40,000 in Toronto and Vancouver. Empowered young people with my story of founding a non-profit after facing cyberbullying
- Guest writer for Voices International, an online magazine hosted by Free the Children
- Filmed a video vignette broadcasted in Cineplex Theatres and national news channels across Canada
- Advocated for youth alongside a video with Jacob Hoggard - lead singer in the international pop-rock band Hedley

BC211 Social Services

Feb 2015-Mar 2016

Student Intern

- Created new resources for the BC211 Redbook- a go-to guide for street-involved citizens including the development of innovative video series in efforts to destigmatize homelessness and vulnerably housed individuals
- Spoke with patients with eating disorders and built a resource guide on community-approved intervention strategies

Chair of the New Girls Dream It Be It Program

- Chaired conferences for youth such as the 2014 Women's Career Conference, 2015 Mental Health and Media Literacy Conference, and 2016 Career Conference with 2000+ participants
- Liaison with the Soroptimist International Board of Directors in the creation of events across the province
- Winner of the National Women's Grant and featured in the Vancouver Courier

International Children's Advisory Network (iCAN)

Jun 2014-Jun 2020

iCAN Board of Directors and Youth Council Chair

- Co-developed more than 21 teams of young persons' advisory groups in 9 countries around the world
- Chaired monthly meetings for youth advisors from 19 teams around the world to collaborate on global pediatric research projects such as reviewing protocols for the European Commission and trial methodologies for Pfizer
- Planned annual global iCAN conferences in North America and Europe for 200+ attendees

The HOPE Initiative Foundation

Mar 2012-present

Founder and Director of a Registered Canadian Charity

- Initiated a nation-wide mentorship program HOPE for Success with over 3000 participants
- Warmth of Winter- an initiative to empower vulnerably housed individuals with financial and social literacy
- Created programs for individuals with mental health disorders
- Collaborated and funded by the Clinton Foundation, One Resolution, and the Vancouver Foundation

SELECTED PEER-REVIEWED PUBLICATIONS

1. Tsang, V.W.L., Lin, M.C.Q., Choles, C. The Effect of Ketamine-Assisted Group Therapy on Treatment-Resistant Mental Health Conditions in Firefighters: A Prospective Observational Case Series. *Journal of Occupational Health Psychology*. (Submitted Aug. 20, 2024)
2. Tsang, V.W.L., Lin, M.C.Q., Tsoi, S., Huang, N., Hu, J., Sinclair, S., Watson, P., Baer, S., Sassi, R. Compass - Canada's first child psychiatry access program: implementation and lessons learned. *PLOS ONE*. (Submitted Aug 16, 2024).
3. Tsang, V.W.L., Tao, B., Olthuis, R., Allard, P., Bhanot, S., Kryskow, P. The Effect of the Apollo Neuro Device on Anxiety Among Participants who Underwent Ketamine Assisted Therapy. *Brain-X*. (Submitted Aug. 15, 2024).
4. Tsang, V.W.L., Masuda, V., Fong, A., Allard, P., Dames, S. A Psilocybin Assisted Therapy Model for End-of-life Patients with a Prognosis of Less Than Two Years. *Psychotherapy Research*. (Submitted Aug 14, 2024)
5. Tsang, V.W.L., Masuda, V., Kryskow, P., Watler, C., Allard, P., Dames, S. Learnings from a Hybrid Communities of Practice Group Therapy Model to Support Psilocybin-Assisted Therapy for Patients with a Terminal Diagnosis. *BMC Palliative Care*. (Submitted Aug. 14 2024)
6. Tsang, V.W.L., Sattler, K., Walia, T. Barriers and Access to Care for Firefighters with Post-Traumatic Stress Disorder Seeking Ketamine Assisted Therapy: A Qualitative Case Series. *BMJ Case Reports*. (Submitted Aug. 13 2024).
7. Ignaszewski, M., Masoudi, R., Kim, J., Tsang, V.W.L., Nagendran, S., Azar, P., Sidhu, J.J., Seethapathy, V., Mathew, N., Sassi, R., Barrios, R., Montaner, J., Jang, K., Krausz, R. Substance Use Treatment history and access to care for PWUD in the fentanyl era: results from a patient survey. *The Canadian Journal of Psychiatry*. (Submitted Aug. 8 2024).
8. Tsang, V.W.L., Ignaszewski, M. A tale of two provinces: Addressing the Canadian opioid crisis. *Journal of Substance Use*. (Submitted Aug. 1, 2024).
9. Kim, J., Fadakar, H., Tsang, V.W.L., Sirohi, K., Neumann, T., Gill, P., Jang, K., Krausz, M. Xylazine used with fentanyl and other high potent opioids: A systematic review. *Drug and Alcohol Review* (Submitted March 11, 2024).
10. Block, C., Tsang, V.W.L. Improving Access to Psilocybin-Assisted Therapy: Barriers, Challenges, and Recommendations. *Community Journal of Mental Health*. (Submitted May 15 2024).
11. Kryskow, P., Stamets, P., La Torre, J., Sattler, K., Tsang, V.W.L., Williams, M. The mushroom was more alive and vibrant: Patient reports of synthetic versus organic forms of psilocybin. *Journal of Psychedelic Studies*. DOI: <https://doi.org/10.1556/2054.2024.00379>.
12. Chhabra, M., Lewis, E. C., Balshaw, R., Stewart, B., Zaslowski, Z., Lowthian, T., Alidina, Z., Chesick-Gordis, M., Drogemoller, B.I., Wright, G.E.B., Birnie, K.A., Boerner, K.E., Tsang, V.W.L., Irwin, S.L., Pohl, D., Weil, A.G., Sell, E., Penz, E., Robson-MacKay, A., Mbabaali, S., Blackman, S., Gordon, S., Alcorn, J., Huntsman, R.J., Oberlander, T.F., Finley, G.A., Kelly, L.E. Multi-centre, tolerability study of a cannabidiol-enriched CANNabis herbal extract for Chronic Headaches in Adolescents: the CAN-CHA trial protocol. *PLOS ONE*. DOI: <https://doi.org/10.1371/journal.pone.0290185>.
13. Dames, S., Watler, C., Kryskow, P., Allard, P., Gagnon, M., Tsang, V. W. L. April 30, 2024. Psychedelic-assisted therapy training: Firsthand experience of non-ordinary states of consciousness in the development of competence. *Psychedelic Medicine*. DOI: <https://doi.org/10.1089/psymed.2023.0004>
14. Tsang, V. W. L., Wong, J. S. H., Westenberg, J. N., Ramadhan, N. H., Fadakar, H., Nikoo, M., Li, V., Mathew, N., Azar, P., Jang, K. L., Krausz, R. M. Feb 13, 2024. Systematic Review on Intentional Non-Medical Fentanyl Use Among People Who Use Drugs. *Frontiers in Psychiatry*. DOI: 10.3389/fpsyt.2024.1347678
15. Tao, B., Mah, K., Tsang, V. W. L., Varnals, T., Naveed, S., Khosa, F. Oct 31, 2023. Gender disparity among psychiatry departments awarded Canadian Institutes of Health Research grants: a retrospective study. *BMJ Leader*, 7 (Issue Suppl 2). DOI: <https://doi.org/10.1136/leader-2023-000761>
16. Tsang, V. W. L., Simkin, G., Stevens, K. 2023. Standardizing training for young people's research advisory groups. *The Lancet Child and Adolescent Health*. DOI: [https://doi.org/10.1016/S2352-4642\(23\)00234-1](https://doi.org/10.1016/S2352-4642(23)00234-1)

17. Dames, S., Watler, C., Miller, K., Laurie, R.W.E., **Tsang, V. W. L.**, Olthuis, R., Allard, P., Argento, E., Kryskow, P. Oct 2023. Adapting the safe consumption site model for patient procured MDMA. *Canadian Health Policy Journal*. DOI: <https://doi.org/10.54194/MMCN2584>
18. **Tsang, V. W. L.**, Ragazan, C., Dames, S., Kryskow, P., Walsh, Z. Sept 2023. A pilot study comparing a community of practice program with and without concurrent ketamine-assisted therapy. *Journal of Psychoactive Drugs*. DOI: <https://doi.org/10.1080/02791072.2023.2253798>
19. **Tsang, V. W. L.**, Lee, H. J., Chai, B. S., Lin, M. C. Q., Howard, A., Uy, C., Elefante, J. O. July 2023. Psilocybin's potential mechanisms in the treatment of depression: A systematic review. *Journal of Psychoactive Drugs*, DOI: <https://doi.org/10.1080/02791072.2023.2223195>
20. **Tsang, V. W. L.**, Tao, B., Dames, S., Walsh, Z., Kryskow, P. May 2023. Safety and Tolerability of Intramuscular and Sublingual Ketamine for Psychiatric Treatment in the Roots to Thrive Ketamine Assisted Therapy Program. *Therapeutic Advances in Psychopharmacology*. DOI: <https://doi.org/10.1177/20451253231171512>
21. Zaslowski, Z., Dib, K., **Tsang, V.W.L.**, Orr, S., Birnie, K.A., Lowthian, T., Alidina, Z., Chesick-Gordis, M., Kelly, L.E. May 2023. Co-designing chronic pain clinical trials with youth. *Paediatric and Neonatal Pain*. DOI: <https://doi.org/10.1002/pne2.12105>
22. **Tsang, V. W. L.**, Alqutub, D., Wenger, M., Mathias, S., Barbic, S. April 2023. The Foundry Work and Education Program: A vocational rehabilitation program. *BCMj*, 65(3): 88-91. DOI: <https://bcmj.org/articles/foundry-work-and-education-program-vocational-rehabilitation-program>
23. Martin, E. G., Rasiyah, J., Claassen, C. S., Waywitka, J., Merritt, A. M., Pringsheim, T. M., Shearer, K. A., **Tsang, V. W. L.**, Stevens, K. E., Sheehan-Klassen, C. E., Suddaby, P., Orr, S. L. March 2023. Engaging youth and parents in clinical pediatric research: A case-based example. *Journal of Pediatrics and Child Health*, 28(4): 235-240. DOI: <https://doi.org/10.1093/pch/pxac111>
24. **Tsang, V. W. L.**, Bhanot, S., Jia, L. Jan 2023. Varenicline Induced Auditory Hallucinations in a Young Female with Bipolar Disorder: A Case Report. *BMC Psychiatry*, 23(4): 1-8. DOI: <https://doi.org/10.1186/s12888-022-04348-6>
25. Tao, B., Bhanot, S., **Tsang, V. W. L.** Jan 2023. Unspecified psychosis and stimulant drugs: A commentary on current trends. *BCMj*, 65(2): 48-52. <https://bcmj.org/articles/unspecified-psychosis-and-stimulant-drugs-commentary-current-trends>
26. Harrigan, S. P., **Tsang, V. W. L.**, Yassi, A., Zungu, M., Spiegel, J. M. 2022. Impacts of economic inequality on healthcare worker safety at the onset of the COVID-19 pandemic: cross-sectional analysis of a global survey. 2022. *BMJ Open*, 12(10) e064804. DOI: <https://dx.doi.org/10.1136/bmjopen-2022-064804>
27. Bo, J., Ta, K., Nishida, R., Yeh, G., **Tsang, V.W.L.**, Bolton, M., Ranger, M., Walus, K. 2022. ATTENTIV: Instrumented peripheral catheter for the detection of catheter dislodgement in IV infiltration. 2022 44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), Glasgow, Scotland, United Kingdom, 2022, pp. 3303-3306, doi: 10.1109/EMBC48229.2022.9871840.
28. Narayan, S. K., **Tsang, V.W.L.**, Qian, Y. 2022. Reflecting on earlier affected areas that shaped COVID-19 mental health efforts. *Discov Ment Health*, 2(17). DOI: <https://doi.org/10.1007/s44192-022-00020-3>.
29. Krausz, M., Westenberg, J. N., **Tsang, V.**, et al. 2022. Towards an international consensus on the prevention, treatment, and management of high-risk substance use and overdose among youth. *Medicina*. 58(539), 1-18.
30. Yu, A.C.M., **Tsang, V.W.L.**, & Sagorin, Z. 2022. How Trainees Become Multimodal Changemakers. *Academic Medicine*. 97(7) 943 DOI: <https://doi.org/10.1097/ACM.0000000000004443>.
31. **Tsang, V. W. L.**, Fletcher, S., Jassemi, S., Smith, S. 2022. Youth, caregiver, and provider perception of the transition from pediatric to adult care for youth with chronic diseases. *Journal of Behavioral and Developmental Pediatrics*. DOI: <https://doi.org/10.1097/DBP.0000000000001024>.
32. Ehrlich, R., Barker, S., **Tsang, V. W. L.**, Kistnasamy, B., Yassi, A. 2021. Access to migrant gold miners to compensation for occupational lung disease: Quantifying a legacy of injustice. *Journal of Migration and Health*. 4. DOI: <https://doi.org/10.1016/j.jmh.2021.100065>.
33. Krausz, R. M., Westenberg, J. N., Mathew, N., Budd, G., Wong, J. S., **Tsang, V. W.**, ... & Choi, F. 2021. Shifting North American drug markets and challenges for the system of care. *International Journal of Mental Health Systems*, 15(1), 1-8.
34. **Tsang, V. W. L.** and Buxton, J. A. K. C. 2021. Overview of the British Columbia Take Home Naloxone program: From inception to expansion. *BCMj*. 63(3): 122-125. <https://bcmj.org/special-feature/history-naloxone-kits-bc-inception-expansion>.
35. Blodgett, J. M., Lachance, C. C., Stubbs, B., Co, M., Veronese, N., Wu, Y. T., Prina, M., **Tsang, V. W. L.**, Cosco, T. D. 2020. Latent structure of the Centre for Epidemiological Studies Depression Scale (CES-D) in adolescents: a systematic review. *BMC Psychiatry*. DOI: <https://doi.org/10.1186/s12888-021-03206-1>
36. Fletcher, S. **Tsang, V. W. L.**, 2021. The era of virtual care: Perspectives of youth on virtual appointments in COVID-19 and beyond. *Paediatrics & Child Health*. 26(4) 210-213 DOI: <https://doi.org/10.1093/pch/pxaa138>.
37. **Tsang, V. W. L. et al.** 2020. Transforming disruption into innovation: Partnership between the BC COVID-19 Medical Student Response Team and the University of British Columbia MD Undergraduate Program. *Academic Medicine*. DOI: <https://doi.org/10.1097/ACM.0000000000004156>.
38. **Tsang, V. W. L.**, Lam, J., Leung, A. 2021. Cutaneous lupus erythematosus in children. *Current Pediatric Reviews*. 17(2): 103-110. DOI: <https://doi.org/10.2174/1573396317666210224144416>.

39. **Tsang, V. W. L.**, Luo, L., Kissa, P., Blair, G. 2021. Ten global surgical care statements for children: Examining our commitment to the future. *Pediatric Surgery International*, 37: 957-964 DOI: <https://doi.org/10.1007/s00383-021-04875-5>.
40. Papamihali, K., Yoon, M., Graham, B., Karamouzian, M., Slaunwhite, A. K., **Tsang, V.**, Young, S., Buxton, J. A. 2020. Convenience and comfort: Reasons reported for using drugs alone among clients of harm reduction sites in British Columbia, Canada. *Harm Reduction Journal*. 17(90). DOI: <https://doi.org/10.1186/s12954-020-00436-6>.
41. **Tsang, V.**, Bao, K., Taylor, J., 2020. Incidental findings in trauma whole-body computed tomography scans: A systematic review. *Canadian Journal of Emergency Medicine*. 22(S1): S69. DOI: <https://doi.org/10.1017/cem.2020.222>.
42. **Tsang, V. W. L.**, Chew, S. Y., Junker, A. K. 2020. Facilitators and barriers to the training and maintenance of young persons' advisory groups (YPAGs). *International Journal of Pediatrics and Adolescent Medicine*. 7(4): 166-173. DOI: <https://doi.org/10.1016/j.ijpam.2019.10.002>.
43. **Tsang, V. W. L.**, Loh, L. 2020. Using a health equity lens to evaluate short-term experiences in global health (STEGH). *Annals of Global Health*. 86(1): 143. DOI: <http://doi.org/10.5334/aogh.2926>
44. **Tsang, V. W. L.**, Fletcher, S., Thompson, C., Smith, S. 2020. A novel way to engage youth in research: evaluation of a participatory health research project by the international children's advisory network youth council. *International Journal of Adolescence and Youth*. 25(1): 676-686. DOI: <https://doi.org/10.1080/02673843.2020.1716817>.
45. **Tsang, V. W. L.**, Lockhart, K., Spiegel, S. J., Yassi, A. 2019. Occupational health and safety programs for artisanal and small-scale gold mining: A systematic review for the WHO global plan of action for workers' health. *Annals of Global Health*. 85(1): 128, 1-12. DOI: <https://doi.org/10.5334/aogh.2592>.
46. **Tsang, V. W. L.**, Papamihali, K., Crabtree, A., Buxton J. A. 2019. Acceptability of technological solutions for overdose monitoring: perspectives of people who use drugs. *Substance Abuse*. 43(3) 1-10. DOI: <https://doi.org/10.1080/08897077.2019.1680479>.
47. Yassi A, Mabhele S, Wilcox E.S., **Tsang V. W. L.**, Lockhart K. 2019. 'It showed us the reality of how we made people feel': An embodied exercise to address HIV and tuberculosis related stigma of healthcare workers in Southern Africa. *Journal of Applied Arts and Health*, 10(1), 73-85. DOI: https://doi.org/10.1386/jaah.10.1.73_1
48. **Tsang, V. W. L.**, Hamilton, L., Wassersug, R. J. 2019. On the meaning of masculinities and its implication to advancing men's health. *Psychology of Men and Masculinities*, 20(2), 166-173. DOI: <https://doi.org/10.1037/men000175>
49. **Tsang, V. W. L.**, Lum N., Ohm, H., Sagorin, Z., Yu, A. 2019. A simulation-based group study method for preclinical medical students. *University of British Columbia Medical Journal*, 10(2), 16-18.
50. **Tsang, V. W. L.**, et al. 2019. Highlighting Current Needs in Addressing Youth Mental Health in British Columbia. *University of British Columbia Medical Journal*, 10(2), 31-33.
51. **Tsang, V. W. L.**, El-Sayegh, L., Thompson, C. 2019. Perceptions of transition from pediatric to adult care for youth with chronic and rare diseases: A participatory health research project. *Pediatrics*, 144(2_MeetingAbstract):236. DOI: <https://doi.org/10.1542/peds.144.2MA3.236>
52. **Tsang, V. W. L.**, Nguyen, T., Randhawa, P.A., Rosenkrantz, M., Amirie, M., Bhatia, F., Drabkin, L., Kim, J.L., Leung, A.S., Tang, J., Singh, T.K. 2019. Highlighting current needs in addressing youth mental health in British Columbia. *UBC Medical Journal*, 10(2). <https://ojs.library.ubc.ca/index.php/ubcmj/article/view/190978>
53. **Tsang, V. W. L.**, et al. 2019. Role of patients and parents in pediatric drug development. *Therapeutic Innovation & Regulatory Science*, 53(5), 601-608. DOI: <https://doi.org/10.1177/2168479018820875>.
54. **Tsang, V. W. L.**, Skead C., Wassersug, R. J., Palmer-Hague, J. 2019. The impact of prostate cancer treatments on men's sense of their manhood: Implications for understanding masculinity. *Psychology of Men & Masculinity*, 20(2), 214-225. DOI: <https://doi.org/10.1037/men000184>.
55. Gwara, M., **Tsang, V. W. L.**, Thompson, C., Smith, S., Bo, J., Fletcher, S., Janusz, N., Chew, S.Y., Janusz, M., Thompson, C., Woods, H., Bertrand, M., Thompson, C. 2018. Use of centralized electronic medical records system in paediatric care. *Pediatrics*, 142(1_MeetingAbstract):805. DOI: <https://doi.org/10.1542/peds.142.1MA9.805>
56. **Tsang, V. W. L.**, Wassersug, R. J. 2018. Men's health research versus andrology – Defining the division and closing the divide. *Journal of Men's Health*, 14(3), 20-32, DOI: <https://doi.org/10.22374/1875-6859.14.3.2>.
57. Palmer-Hague, J., **Tsang, V.**, Skead, C., Wassersug, R., Nasiopoulos, E., Kingstone, A. 2017. Androgen deprivation therapy alters attention to sexually provocative visual stimuli in elderly men. *Sexual Medicine*, 5(4), 245-254, DOI: <https://doi.org/10.1016/j.esxm.2017.10.001>.
58. Skead, C., **Tsang, V.**, Palmer-Hague, J.L., Wassersug, R. J., Nasiopoulos, E., Kingstone, A. 2016. Using eye-tracking to quantify the impact of prostate cancer treatments on male libido: A pilot study. *J Clin Oncol* 34 (Suppl 3S): Abstr 231, DOI: https://ascopubs.org/doi/abs/10.1200/jco.2016.34.3_suppl.231.

NON-PEER-REVIEWED PUBLICATIONS

1. Harrington, S., **Tsang, V. W. L.**, Spiegel, J., Yassi, A. 2020. Health and safety of health workers in the context of COVID-19: A global survey. *WHO Report for World Patient Safety Day 2020*. Presented Sept 17, 2020.
2. **Tsang, V. W. L.**, Mihut, M., Launois, P. 2019. Evaluation of a WHO pilot programme in Zambia for the uptake of isoniazid prophylaxis treatment. *Special Programme for Training and Research in Tropical Diseases Website*. July 9, 2018.
3. Butt, M., Loh, J., **Tsang, V. W. L.**, Rempel, E., Lupick, T., Buxton, J. A. 2020. Media & Language: De-stigmatizing language around substance use and harm reduction reporting. Findings from MSFHR Reach project. Vancouver, BC. BC Centre for Disease Control (BCCDC). <https://towardtheheart.com/assets/uploads/>

SELECTED CONFERENCE AND TALKS

1. **Tsang, V. W. L.**, Masoudi, Raha, Ignaszewski, Martha. Exploring the Impact: A Clinical Study on Fentanyl Use on Vulnerable Populations. *Let's Talk Overdose Conference*. May 7, 2024. Vancouver, CA. **Oral Presentation**
2. **Tsang, V. W. L.** Safety and Tolerability of Intramuscular and Sublingual Ketamine-Assisted Therapy in a Group Psychotherapy Setting. *Let's Talk Overdose Conference*. May 7, 2024. Vancouver, CA. **Oral Presentation**
3. **Tsang, V. W. L.** Safety and Tolerability of Intramuscular and Sublingual Ketamine-Assisted Therapy in a Group Psychotherapy Setting. *MATRIX-N Cluster Presentation*. March 26, 2024. Vancouver, CA. **Oral Presentation**
4. **Tsang, V. W. L.** A Cohort Based Case Series: Learnings from an Iterative Group Therapy Model to Support Psilocybin-Assisted Therapy for Patients with a Terminal Diagnosis. *European Congress of Psychiatry*. April 6-9, 2024. Budapest, HU. **Poster Presentation**
5. **Tsang, V. W. L.** A Cost-Effectiveness Analysis of a Ketamine-assisted Psychotherapy Program Compared to Online Group Psychotherapy in British Columbia, Canada. *European Congress of Psychiatry*. April 6-9, 2024. Budapest, HU. **Oral Presentation**
6. **Tsang, V. W. L.** Empower Envision Excel. *Multidisciplinary Undergraduate Research Conference*. March 16 2024. Vancouver, CA. **Opening Keynote**.
7. **Tsang, V. W. L.** Safety and Tolerability of Intramuscular and Sublingual Ketamine-Assisted Therapy in a Group Psychotherapy Setting. *Canadian Psychiatric Association Conference*. October 19, 2023. Vancouver, CA. **Research Paper Oral Presentation**
8. **Tsang, V. W. L.** CIHR IHDCYH Healthy Youth Summit. July 7-8 2023. Toronto, CA. **Panel Speaker and Moderator**.
9. **Tsang, V. W. L.** A Pilot Study Comparing a Community of Practice Group Therapy Program with and without Concurrent Ketamine-assisted Therapy. *European Congress of Psychiatry* March 27, 2023. Paris, FRA. **Oral Presentation**
10. **Tsang, V. W. L.** Safety and Tolerability of Intramuscular and Sublingual Ketamine for Psychiatric Treatment in the Roots to Thrive Ketamine Assisted Therapy Program. *European Congress of Psychiatry* March 27, 2023. Paris, FRA. **Poster Presentation**
11. **Tsang, V. W. L.** A systematic review to assess the use of psilocybin in the treatment of headaches. *European Congress of Psychiatry* March 27, 2023. Paris, FRA. **Poster Presentation**
12. **Tsang, V. W. L.** Systematic Review on the Mechanisms of Action of Psilocybin in the Treatment of Depression. *European Congress of Psychiatry* March 27, 2023. Paris, FRA. **Poster Presentation**
13. **Tsang, V. W. L.** Putative Mechanisms for the Treatment of Depression with Psilocybin: A Systematic Review. *Canadian Psychiatric Association Conference*. October 27-29, 2022. Toronto, CA. **Poster Presentation**
14. **Tsang, V. W. L.** Putative Mechanisms for the Treatment of Depression with Psilocybin: A Systematic Review. *Global Summit on Psychedelic-Assisted Therapies and Medicine*. May 27-29, 2022. Toronto, CA. **Poster Presentation**
15. **Tsang, V. W. L.** BC Fentanyl Cohort Study. *Let's Talk Overdose Conference*. Presented with Dr. Martha Ignaszewski. April 6-7, 2022. Vancouver, CA. **Oral Presentation**
16. **Tsang, V. W. L.** University of British Columbia Women in Science. *STEMposium*. March 6, 2022. Vancouver, CA. Closing Keynote. <https://www.youtube.com/watch?v=WQZFG6X7iW8&feature=youtu.be>
17. **Tsang, V. W. L.** Tuberculosis prophylaxis leveraging ideas from a community crowdsourcing platform. *Annual Meeting of the Union – North American Region for the International Union Against Tuberculosis and Lung Disease*. Chicago, USA. February 27-29, 2020. **Poster Presentation**
18. **Tsang, V. W. L.**, Mihut, M., Launois, P. Research capacity building in Zambia by the World Health Organization Special Programme for Research and Training in Tropical Diseases. *Public Health Association of British Columbia*. Vancouver, CA. November 14, 2019. **Oral Presentation**
19. Mankowski, P., **Tsang, V.**, Wang, A., Demsey, D., Genoway, K.; Thoma, A. 2019. Reporting outcomes and outcome measures in transgender breast construction surgery: A systematic review. *University of British Columbia Department of Surgery Chung Research Day*: November 4, 2019. Vancouver, CA. **Oral Presentation**
20. Yassi A, Mabhele S, Wilcox ES, **Tsang V. W. L.**, Lockhart, K. Arts-based exercises to address infectious disease transmission patterns amongst health workers. *11th International Joint Conference on Occupational Health for Health Workers Conference*. Hamburg, Germany. October 22-24, 2019. **Oral Presentation**
21. **Tsang V. W. L.** Bioethics and Adolescent Factors Panel. *Institute for Advanced Clinical Trials for Children Pediatric Innovation Forum*. Bethesda, USA. October 15-16, 2019. **Speaker Panel**
22. Wang, A., **Tsang, V. W. L.**, Mankowski, P., Demsey, D., Genoway, K., Thomas, A. Reporting outcomes and outcome measures in transgender phalloplasty surgery: A systematic review. *American Society of Plastic Surgeons Annual Meeting*, San Diego, United States of America. September 22-23, 2019. **Oral Presentation**.
23. Wilcox ES, **Tsang V. W. L.**, Yassi, A. HealthWISE: An implementation study in Sub-saharan Africa. *Pan-American Health Organization/ World Health Organization Meeting of Collaborating Centers on Occupational Health*. Washington DC, United States of America. August 22-23, 2019. **Oral Presentation**
24. Sagorin, Z., **Tsang, V. W. L.**, Scott, T., Karimuddin, A. Quarter century evaluation of gender equity in general surgery residency. *BC Surgery Conference*. Penticton, Canada. May 9-11, 2019. **Oral Presentation**.

25. **Tsang, V. W. L.**, Lockhart K., Spiegel, S., Yassi, A. 2019. Occupational health and safety programmes for artisanal and small-scale gold mining: A systematic review. *Cascadia 2019- Annual Symposium on Environmental, Occupational, and Public Health*. Blaine, United States of America. January 10-11, 2019. **Oral Presentation**.
26. Yassi A, Mabhele S, Wilcox ES, **Tsang V. W. L.**, Lockhart, K., 2019. Addressing HIV- and TB-related stigma using an embodied exercise with health workers in South Africa. *Cascadia 2019- Annual Symposium on Environmental, Occupational, and Public Health*. Blaine, United States of America. January 10-11, 2019. **Oral Presentation**
27. **Tsang, V. W. L.**, Papamihali, K., Crabtree, A., Buxton, J. A. Acceptability of technological solutions to overdose monitoring for people who use drugs. *BC Quality Forum*. Vancouver, Canada. February 27, 2019. **Poster Presentation**
28. **Tsang, V. W. L.**, Papamihali, K., Crabtree, A., Buxton, J. A. 2019. Acceptability and accessibility of non-contact respiratory monitors for people who use drugs. *Public Health Association of British Columbia*. Vancouver, Canada. November 11, 2018. **Oral Presentation**
29. El-Sayegh, L., Smith, S., Thompson, C., **Tsang V. W. L.**, 2018. Perceptions of transition from pediatric to adult care for youth with chronic and rare diseases: A participatory health research project. *American Academy of Pediatrics National Conference and Exhibition*, Orlando, United States of America. November 2-6, 2018. **Poster Presentation**.
30. El-Sayegh, L., Smith, S., Thompson, C., **Tsang V. W. L.**, 2018. Perceptions of transition from pediatric to adult care for youth with chronic and rare diseases: A participatory health research project. *Southeastern Pediatric Research Conference*. June 8, 2018. **Poster Presentation**.
31. Bo, J., Fletcher, S., Janusz, N., Chew, S. Y., Janusz, M., Bertrand, M., Thompson, C., Woods, H., Smith, S., Thompson, C., Thompson, C., Gwara, M., **Tsang, V. L.** 2017. Use of centralized electronic medical records system in pediatric care. *American Academy of Pediatrics National Conference and Exhibition*, Chicago, United States of America. September 15-19, 2017. **Poster Presentation**.
32. Frederico, N. M., **Tsang, V. W. L.**, Thompson, H. G., Thompson, C., Srivastava, S., Stimpfl, J., Thompson, C. A., Smith, S. R., 2016. Young persons' advisory groups improving meaningful medical care for pediatric patients. *Pediatric Academic Society Conference*, Baltimore, United States of America. April 30-May 3, 2016. **Poster Presentation**
33. **Tsang, V. L.**, Skead, C., Palmer-Hague, J., Wassersug, R. J. 2016 The Impact of Prostate Cancer Treatments on Men's Sense of Manhood: Implications for Understanding Masculinity. *Multidisciplinary Undergraduate Research Conference, University of British Columbia*. March 2016. **Poster Presentation**
34. **Tsang, V. W. L.**, Palmer-Hague, J., Skead, C., Wassersug, R. J., Nasiopoulos, E., Kingstone, A. K. 2016. Using Eye-Tracking to Quantify the Impact of Prostate Cancer Treatments on Male Libido: A Pilot Study. *Students in Health Undergraduate Research Conference*. Jan. 2016. **Poster Presentation**

COURSES TAUGHT

-
- Harvard Chan School of Public Health. Winter Session. Master's studies. ID 946A: Applied Practice Experience for MPH Generalist. Psychedelic Assisted Therapies. October 20-21, 2023. 30 students
 - Harvard Chan School of Public Health. Winter Session. Master's studies. ID 254: Political Epidemiology: Oppression and Resistance as Determinants of Health. Exploring the disparity of increased mortality in Indigenous youth who use substances in British Columbia. November 15, 2023. 30 students

UNDERGRADUATE AND GRADUATE STUDENT SUPERVISION

-
- Katie Sattler. Bachelor of Science in Neuroscience. University of British Columbia. Secondary advisor for Capstone Project. Project title: "Ketamine for special populations". Graduation year: 2025.
 - Jess Shannon. Master's of Public Health. 2022-2023. Public Health and Social Policy. University of Victoria. Practicum Supervisor and Thesis Project Supervisor. Project title: "Systematized Review of Group Psychedelic-Assisted Therapy for Mental Health Conditions and Addiction(s)". Graduation year: 2023. Vancouver Island University, Roots to Thrive
 - Kyle Martin. Master's of Arts Counselling Psychology. 2022-2024. Trinity Western University. External Co-Supervisor.
 - Michelle Gagnon. PhD of Nursing. 2021-present. University of British Columbia. External Academic Advisor.
 - Carl Ragazan. FLEX project Undergraduate Medical Program. 2022-2023. University of British Columbia. FLEX Supervisor.
 - Megan Komori Kennedy. FLEX project Undergraduate Medical Program. 2023-2024. University of British Columbia. FLEX Supervisor.

RESEARCH GRANTS

-
- Funded. Feb 28 2024 1 year. Co-Applicant, CIHR Healthy Youth Catalyst Grant: Co-development of a youth engagement in research training program. Nguyen L, Cross A, Micsinszki S, McCauley D, Chisholm C, Pancucci M, St. Dennis A, Castaldo M, Dong Y, El Galad A, Geboers J, Hay V, Kanatgaratnam S, Steeves D, Trehan N, Weaver C, Black A, Doherty-Kirby A, Allemang B, Batthish M, Beattie K, Buchanan F, Fournier A, Grandisson M, Kennedy (Deibert) S, Marcotte J, McMorris C, Munce S, Shikako K, Tomas V, Yamaguchi S, Di Rezze B,

Georgiades S, Reynolds J, Kraus de Camargo O, Lacaze T, McCarry S, Southward C, Tsang V, Zwicker J.
(\$100,000)

- Funded Feb 2024 5 years. Co-Applicant, CIHR Team Grant: Pediatric rare disease clinical network. National pediatric rare disease clinical trials and treatment network (\$19,999,843.63)
- Funded Nov 2023 1 year. Co-Applicant, CIHR Operating Grant: BHClA: Knowledge Synthesis and Mobilization Grants. Bridging indigenous and western knowledge for enhanced brain health. Synthesizing and mobilizing findings on strengths-based psychological support and psilocybin in lifestyle approaches for age-related cognitive impairment reduction (\$100,000) <https://cihr-irsc.gc.ca/e/53698.html>
- Funded Co-Applicant, Feb 2022. VCHRI Grant: Observational cohort study on fentanyl users (\$100,000)
- Funded Feb 2022 1 year. Co-Investigator, CIHR Operating Grant Understanding/mitigating impacts of COVID-19 on children, youth & families: Impact of Social Determinants of Mental Health on Child and Parent Risk, Resilience and Support Access in the COVID-19 Era: A Nested Mixed-Methods Study of Short and Long-Term Outcomes. (\$110,510) https://webapps.cihr-irsc.gc.ca/decisions/p/project_details.html?appId=450650&lang=en
- Funded Feb 2022 6 years Co-Investigator, CIHR Health Research Training Platform (H RTP) Pilot Competition: Empowering Next-generation Researchers in perinatal and Child Health (ENRICH) (\$2.4M) <https://cihr-irsc.gc.ca/e/52854.html>
- Funded May 2020 5 years. Collaborator, CIHR Operating Grant: Pediatric REB Initiative. Promoting Child Health Research through a Collaborative Approach to a Streamlined Ethics Review Initiative: Canadian Collaboration for Child Health: Efficiency and Excellence in the Ethics Review of Research (CHEER) (\$2.5M) <https://cihr-irsc.gc.ca/e/51955.html>
- Funded Feb 2020 5 years. Principal Applicant, CIHR Team Grant: Cannabis Research in Priority Areas. Cannabis for symptom management in children with cancer: a demonstration project by the Canadian Childhood Cannabinoid Clinical Trials platform (\$1.49M) https://webapps.cihr-irsc.gc.ca/decisions/p/project_details.html?appId=418129&lang=en

SELECTED GRANTS & ACHIEVEMENTS

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- 2024 BC Psychiatric Association Resident Advocate Award (\$2500)
 - 2024 UBC Department of Psychiatry Resident Research Award (\$1000)
 - 2024 BC Quality Awards Runner Up for Leadership in Advancing for the Patient Voice
 - 2023 Canadian Psychiatric Association Junior Investigator Colloquium Top Research Presentation Award
 - 2022 Canadian Psychiatric Association Junior Investigator Colloquium Top Research Presentation Award
 - May 2022 BC Achievement Award
 - May 2022 Doctors of BC Changemaker Award (\$2000)
 - April 2021 Edward JC Hossie Student Leadership Award (\$3000)
 - Nov 2020 MD Students Tuition Bursary Fund (\$400)
 - Nov 2020 Glen and Margaret Carlson Bursary in Medicine (\$5000)
 - Aug 2020 Dr. Keith MacDonald Scholarship in Family Medicine (\$19,500)
 - May 2020 Medical Alumni Association Student Leadership Award (\$500)
 - May 2020 Canadian Volunteer Award Emerging Leader for British Columbia
 - Mar 2020 Canadian Medical Association Award for Young Leaders
 - Jan 2020 British Columbia Medal of Good Citizenship
 - Dec 2019: UBC Faculty of Medicine Student Travel Award (\$150)
 - May 2019: ImpactBC Scholarship in Health Care Research and Development (\$1500)
 - Feb 2019 UBC Chapman Innovation Grant (\$10,000)
 - Jan 2019 UBC Student Leadership Conference Faces of Today Award
 - Oct 2018 Clinton Foundation Resolution Fellowship (\$30,000)
 - Sept 2018 AMS Impact Grant (\$3000)
 - Jan 2018 Soroptimist International National Women Award (\$7500)
 - Mar 2018 UBC Margaret Fulton Award (\$500)
 - Jan 2018 UBC Connect to Community Grant (\$1350)
 - Nov 2018 MD Students Tuition Bursary Fund (\$5500)
 - Nov 2018 Faculty of Medicine Student Travel Award (\$350)
 - Jan 2018 UBC Ultan Patrick Byrne Education Trust Fund (\$3500)
 - May 2017 UBC Faculty of Medicine Student Summer Research Project Grant (\$2800)
 - Aug 2017 City of Vancouver Award of Excellence
 - Feb 2017 UBC Thelma Sharp Cook Scholarship (\$5400)
 - Feb 2017 UBC Westbrook Scholar (\$1000)
 - Aug 2016 UBC J Fred Muir Scholarship in Science (\$150)

- Mar 2016 Science Undergraduate Society Science Student Achievement Award (\$500)
- Apr 2016 NSERC Undergraduate Student Research Award (\$4800)
- May 2015 UBC Faculty of Medicine Student Summer Research Project Grant (\$2800)
- Aug 2016 UBC Trek Excellence Scholarship (top 5% of faculty) (\$1500)
- Sept 2015 UBC Trek Excellence Scholarship (top 5% of faculty) (\$1500)
- Sept 2015 UBC Dean of Science Scholarship (\$500)
- 2015, 2016 UBC Science Scholar (+90% average) 2015,
- Sept 2014 Schulich Leader Scholarship (\$60,000)
- Oct 2014 National Loran Scholarship Finalist/Canadian Merit Scholarship Foundation Award (\$3000)
- Oct 2014 Chancellor's Scholar Award
- Sept 2014 Norman MacKenzie Alumni Entrance Scholarship (\$2000)
- Sept 2014 Miller Thomson Foundation Entrance Scholarship (\$3000)
- Sept 2014 The Hatfield Society Scholarship (\$1000)
- Aug 2014 Vancouver Foundation Award (\$500)
- Jun 2014 National Future Aces Scholarship (\$1000)
- May 2014 BC Hydro Power Pioneers Community Service Award (\$1000)
- Jun 2014 Coast Capital Savings Scholarship (\$2000)
- Jun 2014 Linden Community Spirit Scholarship (\$2500)
- Jun 2014 Steve Cowan Scholarship for Leadership Action (\$500)
- Mar 2014 Violet Richardson Award Vancouver and Western Canada Regional Winner (\$2500)
- Feb 2014 Canada's Top Teen Philanthropist Scholarship Finalist (\$1000)
- Jun 2014 Magee Academic Silver Scholarship for the graduating student with the highest academic average
- Jun 2014 Duke of Edinburgh Gold Certificate
- Jun 2014 Girl Guides of Canada Chief Commissioner's Award Gold Pin
- Jun 2014 Girl Guides of Canada Commonwealth Award
- Jun 2014 Gold Service Award for over 1000 hours of in-school volunteer work
- Jun 2010-2012 Recipient of the Magee Top Academic Student Award

SELECTED MEDIA & EVENTS

-
- March 8, 2021. *UBC Medical Students Respond to COVID-19 Pandemic with Innovation and Teamwork*. BC Medical Journal. <https://bcmj.org/blog/ubc-medical-students-respond-covid-19-pandemic-innovation-and-teamwork>
 - April 23, 2020. *Recognizing our Doctors of Tomorrow: making a difference during COVID-19*. Doctors of BC. <https://www.doctorsofbc.ca/doctors-making-difference/recognizing-our-doctors-of-tomorrow-covid19>
 - April 20, 2020. *Making a difference: UBC students help frontline medical workers during COVID-19*. UBC Faculty of Medicine. <https://www.med.ubc.ca/news/making-a-difference-ubc-students-help-frontline-medical-workers-during-covid-19/>
 - March 29, 2020. *BC COVID19 Medical Student Response Team* Vancouver Sun <https://vancouversun.com/news/local-news/medical-students-step-up-to-help-doctors-nurses-and-first-responders/?fbclid=IwAR1k511uNtopCBQpIqPO-WCVCyf745-UzhixE5kmfKM5wL9IES24VOW6Xc>
 - March 24, 2020 *Medical students running errands for health-care workers and their families*. National Post <https://nationalpost.com/pmnews-pmn/canada-news-pmn/medical-students-running-errands-for-health-care-workers-and-their-families>
 - March 24, 2020 *'We wanted to do something': UBC students volunteer their time to fight against COVID-19*. The Uybessey https://www.uybessey.ca/science/students-volunteer-against-covid-19/?ref=frontpage&fbclid=IwAR2c3AMtGPegRdgYHoAONM_N9V14imHYxAgcZpJbZf2JsbGRa2hX21l5idM
 - March 19, 2020 *Burnaby doctors get help from UBC med students sidelined by COVID-19*. Vancouver Courier https://www.vancourier.com/living/seniors/burnaby-doctors-get-help-from-ubc-med-students-sidelined-by-covid-19-1.24102097?ev_id=584357_ain%27t_true_%26_uncle_false
 - March 19, 2020 *BC COVID19 Medical Student Response Team* CBC on the Coast Radio Segment.
 - Feb 2, 2019. *UBC Student Leadership Conference* Faces of Today Interview <https://www.youtube.com/watch?v=bXt8OGqfQOo&t=7s>
 - March 2, 2017 *Global News BC*. Guest speaker on Noon News segment on winning the 2017 Vancouver Awards of Excellence as Founder of the Humanitarian Organization for Providing Empowerment <https://www.youtube.com/watch?v=-CO3JgMLIAw>
 - Summer 2017 *Global News National*. WE Day youth ambassador segment on Canada's 150 Anniversary https://www.youtube.com/watch?time_continue=2&v=-CUyFo5oDIQ
 - 2017 International Day of the Girl Whistler, BC, *keynote speaker* <https://www.youtube.com/watch?v=xMmPVz3moqM&t=2s>
 - 2017 American Academy of Pediatrics Family Patient Network Youth Innovators Webinar, *speaker*
 - June, 2017 We Day Feature: <https://www.youtube.com/watch?v=-CUyFo5oDIQ>
 - Nov, 10, 2016 *TEDxYouth*. <https://www.youtube.com/watch?v=DE8IJeNSL8c> Presented a TED talk to over 200 audience members from BC on creating change through empowerment-based humanitarianism.
 - May 5, 2016 *Vancouver Courier*. Soroptimist International 90th Anniversary as Chair of the Vancouver Dream It Be It Girls Program
 - April 6, 2015 *FM 96.1 evening segment*. Project Shine English teaching experience in rural China

INTERESTS & SKILLS

- BC Psychiatry Association: Resident Member | Canadian Psychiatric Association: Resident Member |
- **Food and culinary adventures:** I used to be a guest writer for the gastropub column on Vancouver's newest restaurants
- **Skiing and snowboarding:** I love the BC mountains and developed a passion for outdoor adventures since age 3